IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Audio Processor
Manufacturer: Cloud
Firmware Version: N/A
Model(s): DCM1

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
2	12/6/2013	1.6.0	3.5.1	Added Group 1 – 4 enable/disable commands.
1	8/20/2013	1.6.0	3.5.1	Initial version.

Driver Notes:

- Driver includes Zone and Group Music Level optimization.
- To control Zone Mic, Zone Source, or Zone Line Input, user must first select Zone Mode then uses Zone Select to select the zone he/she would like to control. These steps apply for Group Mic, Group Source, and Group Line Input control. User must first select Group Mode then uses Group Select to select the Group he/she would like to control.

Control Commands & States:

Group 1 – 4	Enable	Disable
Group 1 – 4 Music Level	-62 to 0 in steps of 1	
Group 1 – 4 Music Level (Step)	Up	Down
Group 4 Music Level (Step)	Up	Down
Group Mute 1 – 4	On	Off
Group Select	1 – 4	
Line 1 – 8	Enable	Disable
Mic 1 – 4	Enable	Disable
Mode	Zone	Group
Source	1 – 8	
Zone 1 – 8 Audio Mute	On	Off
Zone 1 - 8 Music Level	-62 to 0 in steps of 1	
Zone 1 – 8 Music Level (Step)	Up	Down
Zone Select	1 – 8	

Status Available:

Connection Status	Connected	Disconnected
Group 1 – 4 Music Level	-62 to 0 in steps of 1	
Line 1 – 8	Enable	Disable
Mic 1 – 4	Enable	Disable
Source	1 – 8	
Zone 1 – 8 Music Level	-62 to 0 in steps of 1	

MLC60 Series Supported Commands:

Group 1 – 4	Enable	Disable
Group 1 – 4 Music Level (Step)	Up	Down
Group Mute 1 – 4	On	Off
Zone 1 – 8 Audio Mute	On	Off
Zone 1 – 8 Music Level (Step)	Up	Down

Cable and Adapter Requirements:

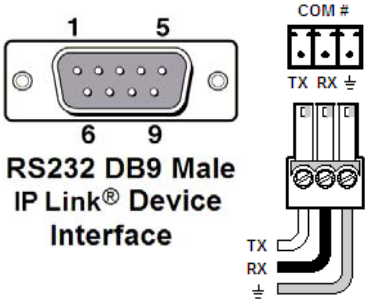
F/M DB9 RS232 Null Modem Serial Cable.

Notes for the Device:

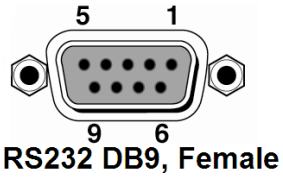
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2		2	RxD
TxD	3		3	TxD
GND	5		5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: